

What is claimed is:

1. An image search device comprising:

a first image pickup optical system;

a first image pickup device which picks up an image  
5 of a predetermined visual field formed through said first  
image pickup optical system to output a first image signal  
representing the picked up image;

a second image pickup optical system including at  
least one lens which forms an image of at least a part of  
10 the predetermined visual field;

a second image pickup device which picks up the image  
formed through said second image pickup optical system to  
output a second image signal representing the picked up  
image;

15 a shift unit which shifts an area to be picked up by  
said second image pickup device through said second image  
pickup optical system within the predetermined visual field  
by shifting an optical axis of the lens in said second  
image pickup optical system relative to said second image  
20 pickup device;

an image synthesizing unit which adds an image signal  
representing a mark showing the area corresponding to the  
image picked up by said second image pickup device to the  
first image signal based on an amount of the relative shift  
25 of said optical axis to said second image pickup device;

a first display unit which displays the image represented by said first image signal performed with said synthetic processing by said image synthesizing unit; and

a second display unit which displays the image represented by said second image signal.

2. The image search device according to claim 1, wherein

said shift unit has an optical axis shifting member which shifts the optical axis by moving in a plane perpendicular to the optical axis, and a moving unit which moves the optical axis shifting member;

3. The image search device according to claim 2, wherein

said optical axis shifting member is an image erecting optical system comprising at least four reflection surfaces.

4. The image search device according to claim 1, wherein

said first image pickup optical system and said second image pickup optical system share an objective optical system including the lens whose optical axis is shifted by said shift unit relative to said second image pickup device, and a separating optical member which separates object light having passed through the objective optical system; and

said second image pickup optical system has an image re-forming optical system arranged rear of said separating optical member to relay at least a part of an image formed through said objective optical system.

5           5. The image search device according to claim 4,  
wherein

said image re-forming optical system includes a variator to change magnifying power of the whole image re-forming optical system by moving along its optical axis;

10       and

said image synthesizing unit computes amplitude of the area corresponding to the image picked up by said second image pickup device in the image picked up by said first image pickup device based on a position of said  
15       variator and generates an image signal representing the mark showing the area having the computed amplitude.

6. The image search device according to claim 4,  
wherein

said objective optical system is incorporated in an  
20       endoscope.

7. The image search device according to claim 4,  
wherein

said objective optical system is incorporated in a surveillance camera.